## **CERTIFICATE OF MAILING**

Piereby certify that this correspondence is being deposited with the United States Bostol Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Intents Washington, DC 20231 on

Signed Plate:

WAY 0 1 1998

Signed Plate:

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Inventor:

Pedersen et al

Art Unit: 2835

Serial No.:

08/834,798

Examiner: SPARKS, D.

Filed:

04/07/97

**Assistant Commissioner for Patents** 

Washington, D.C. 20231

For:

CONDUCTIVE EPOXY FLIP-CHIP

Certificate Under 37 CFR §3.73(b)

RECEIVED MAY | 4 1998

**GROUP 2500** 

Sir:

<u>Cubic Memory, Inc</u>, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventor(s) of the parent patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office at Reel <u>7665</u>, Frames <u>192 et seq.</u>, of which a copy is attached.

The undersigned has reviewed all of the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date:

,

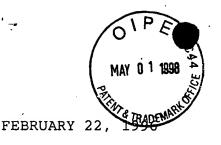
. 1998

Title:

President and Chief Executive Officer

Signature:

Alfons Vindasius





## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 113-10

PTAS

STEPHEN E. BALDWIN HELLER, EHRMAN, WHITE & MCAULIFFE 525 UNIVERSITY AVENUE PALO ALTO, CA 94301



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/25/1995

REEL/FRAME: 7665/0192

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PEDERSEN, DAVID V.

DOC DATE: 03/22/1995

ASSIGNOR:

FINLEY, MICHAEL G.

DOC DATE: 03/22/1995

ASSIGNOR:

SAUTTER, KENNETH M.

DOC DATE: 03/22/1995

ASSIGNEE:

CUBIC MEMORY 27 JANIS WAY

SCOTTS VALLEY, CALIFORNIA 95066

SERIAL NUMBER: 08374421

FILING DATE: 01/19/1995

PATENT NUMBER: ISSUE DATE:

7665/0192 PAGE 2

KEITH GOODE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

<b>√</b>	\$1000 581 A1
Form PTO-1986 40 APR 3000 MAY 0 1 1998 4000	U.S. Department of Commerce Patent and Trademark Office
	s: Please record the attached original documents or 07/03/5
<ol> <li>Name of conveying party(ies):         David V. Pedersen, Michael G. Finley         Kenneth M. Sautter     </li> </ol>	Name and address of receiving party(ies):  Name:Cubic Memory
Additional name(s) of conveying party(ies) attached?  Yes X No	Internal Address: Street Address: 27 Janis Way
3. Nature of conveyance:	City: Scotts Valley, State: CA Zip: 95066
X Assignment Merger	RECEIVED  Additional name(s) and addresses attached?  Additional name(s) and addresses attached?
Security Agreement Change of Name Other:	GROUP 2500
Execution Date: March 22, 1995  4. Application number(s) or patent number(s): 08/374	· •
If the document is being filed together with a new is:  A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached?	Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Stephen E. Baldwin	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: <u>Heller, Ehrman, White &amp; McAuliffe</u> Street Address: <u>525 University Avenue</u>	Enclosed
City: Palo Alto State: CA Zip: 94301	Authorized to be charged to deposit account
	8. Deposit Acct No. 08-1641 (Order # 20879-0009)  (Attach duplicate copy of this page if paying by deposit account)
. 100 MG 05/02/95 08374421 DO NOT USE	THIS SPACE: 581 40.00 CK
copy is a true copy of the original document	oing information is true and correct and any attached  11 Decliev 421/65
Stephen E. Baldwin, Reg. No. 27,769 Name of Person Signing	Date

Total number of pages comprising cover sheet:

## ASSIGNMENT

WHEREAS, the undersigned, David V. Pedersen of Scotts
Valley, County of Santa Cruz, State of California, and Michael G.
Finley of Cambria, County of San Luis Obispo, State of
California, and Kenneth M. Sautter of Sunnyvale, County of Santa
Clara, State of California (hereinafter termed "Inventors"), have
invented certain new and useful improvements in a CONDUCTIVE
EPOXY FLIP-CHIP [title] and have executed and filed an
application for a United States patent disclosing and identifying
the invention bearing Serial No. 08/374,421 filed January 19,
1995; and

WHEREAS, Cubic Memory, Inc., (hereinafter termed

"Assignee"), a corporation of the State of Delaware, having a
place of business at 27 Janis Way, Scotts Valley, State of
California, is desirous of acquiring the entire right, title and
interest in and to said application and the invention disclosed
therein, and in and to all embodiments of the invention,
heretofore conceived, made or discovered by said Inventor (all
collectively hereinafter termed "said invention"), and in and to
any and all patents, inventor's certificates and other forms of
protection (hereinafter termed "patents") thereon granted in the
United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other

priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of March , 1995.

David V. Pedersen

County of \* Sawra Ceuz )
State of California )

On 27 Mar., 1995, before me, the undersigned Notary Public, personally appeared David V. Pedersen,

Docket No. 20879-0009

// l
<pre>known to me proved to me on the basis of satisfactory evidence</pre>
affirmation of to be the person whose name is
subscribed to the within instrument, and acknowledged that (s) he
executed the same.
CATON ANNI MADDIS
CAROL ANN HARRIS K COMM. 967126  COMM. 967126
Notary Public California
Santa Cruz County November 1, 1998
THE INVENTED WITH SOF, the Inventor has executed and
delivered this instrument to said Assignee this 2200 day of
March, 1995.
M. 1. 1/4 / . O.
I'M Way DY Miss
Michael/G. Finley
County of * SANTA CRUZ )
) SS
State of California )
On 32 Mag. 1995, before me, the undersigned Notary
On <u>22 Mar</u> , 1995, before me, the undersigned Notary Public, personally appeared Michael G. Finley,
,
known to me
proved to me on the basis of satisfactory evidence affirmation of to be the person whose name is
subscribed to the within instrument, and acknowledged that (s)he
2×20 <del>×12×20</del>
execute CAROL ANN HARRIS
CAROL ANN HARRIS COMM. 987128 Notary Public California
CAROL ANN HARRIS COMM. 967126 Notary Public-Catifornia Santa Cruz County
CAROL ANN HARRIS COMM. 987128 Notary Public California
CAROLANN HARRIS COMM. 967128 Notary Public California Santa Cruz County My Comm. Exp. June 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and
CAROL ANN HARRIS COMM. 967128 Notary Public Cationia Santa Cruz County My Comm. Exp. June 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of
CAROLANN HARRIS COMM. 967128 Notary Public California Santa Cruz County My Comm. Exp. June 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and
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COMM 967128 Notary Public California Santa Cruz County My Comm. Exp. Line 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of March, 1995.  March, 1995.
CAHOL ANN HARRIS COMM 967128 Notary Public California Santa Cruz County My Comm. Exp. June 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of  March , 1995.  Kenneth M. Sautter
COMM 967128 Notary Public California Santa Cruz County My Comm. Exp. Line 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of March, 1995.  March, 1995.
CAHOL ANN HARRIS COMM 967128 Notary Public California Santa Cruz County My Comm. Exp. June 3, 1996  IN WITNESS WHEREOF, the Inventor has executed and delivered this instrument to said Assignee this 22 day of  March , 1995.  Kenneth M. Sautter

Docket No. 20879-0009

On 22 Mar, 1995, before me, the undersigned Notary Public, personally appeared Kenneth M. Sautter,

known to me
proved to me on the basis of satisfactory evidence
affirmation of \_\_\_\_\_\_ to be the person whose name is
subscribed to the within instrument, and acknowledged that (s)he
executed the same.

CAROL ANN HARRIS
COMM. 967126
Notary Public California
Santa Cruz County
My Comm. Exp. June 3, 1996

Naud Haus Notary Public

Form PTO-1986	U.S. Department of Commerce	
The 1700	Patent and Trademark Office	
An Redardation Fo	rm Cover Sheet	
PATENTS	ONLY	
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
<ol> <li>Name of conveying party(ies):         David V. Pedersen, Michael G. Finley         Kenneth M. Sautter     </li> </ol>	2. Name and address of receiving party(ies):	
•	Name: Cubic Memory	
Additional name(s) of conveying party(ies) attached?	Internal Address:	
Yes X No	Street Address: <u>27 Janis Way</u>	
·	City: Scotts Valley. State: CA Zip: 95066	
•	city. <u>scotts vartey,</u> state: <u>CA</u> 21p: 93000	
3. Nature of conveyance:		
Assignment Merger		
T THE SEL	Additional name(s) and addresses attached?	
Security Agreement Change of Name		
Other:	Yes X No	
Execution Date: March 22, 1995		
4. Application number(s) or patent number(s): <u>08/374,421 filed January 19, 1995</u>		
If the document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached?	☐ Yes ☐ No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Stephen E. Baidwin	<del>     </del>	
•	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: <u>Heller, Ehrman, White &amp; McAuliffe</u>		
Street Address: 525 University Avenue	☐ Enclosed	
City: Palo Alto State: CA Zip: 94301	X Authorized to be charged to deposit account	
	8. Deposit Acct No. 08-1641 (Order # 20879-0009)	
·	(Attach duplicate copy of this page if paying by	
deposit account)		
DO NOT USE THIS SPACE		
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document		
Stephen E. Baldwin, Reg. No. 27,769 Name of Person Signing	Date Date	
Total number of pages comprising cover sheet:		